

APPLICANT(S): OWEN, John Robert et al.
SERIAL NO.: 10/541,511
FILED: March 2, 2006
Page 2

THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims

1. (Previously Presented) An electrochemical cell comprising a plurality of samples of material for testing electrocatalytic behaviour of a plurality of materials, said cell comprising:
 - a first electrode;
 - a counter-electrode bearing an electrochromic material whose reflection, refraction or absorption of electromagnetic energy changes in a manner proportional to the total charge passed through it; and
 - an electrolyte between and in electrical contact with the first electrode and the counter-electrode;wherein said first electrode and said electrolyte comprise a plurality or regions, each region comprising a sample of material to be tested, the regions being electrically connected to a common terminal, and
 - wherein the sample of material to be tested is an electrocatalyst, and the electrolyte contains the material whose reaction is to be catalysed by said electrocatalyst.
- 2-4. (Canceled)
5. (Previously Presented) An electrochemical cell according to Claim 1 in which the electrochromic material is tungsten oxide.
6. (Previously Presented) An electrochemical cell according to Claim 1 in which a reference electrode is contacted with the electrolyte for potential measurement and control.